



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 40] नई विल्ली, शनिवार, अक्टूबर 2, 1993 (आश्विन 10, 1915)
No. 40] NEW DELHI, SATURDAY, OCTOBER 2, 1993 (ASVINA 10, 1915)

इस भाग में भिन्न पुष्ट संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट फार्मलिय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बंधित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 2nd October 1993

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below:—

Patent Office Branch,
Todi Estates, III Floor,
Lower Parel (West), Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

*Fees:—*The fees may either be paid in cash or may be sent by Money Order or payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated,

पेटेंट कार्यालय
एकत्र तथा अभिकल्प
कलकत्ता, दिनांक 2 अक्टूबर 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार
पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है
तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके
प्रादौर्णीक क्षेत्राधिकार जॉन के आधार पर निम्न रूप में प्रदर्शित
हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेंट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा
दीव एवं दादरा और नगर हवेली।

तार पता—“पेटोफिस”

पेटेंट कार्यालय शाखा,
एक सं. 401 से 405, तीसरा तल,
वरसालिका बाजार भवन,
सहरदती झारा, करोल बाग,
बम्बई-110005।

हरियाली, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

तार पता—“पेटेंटोफिक”

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डुचेरी, लक्षद्वीप,
मिनिकाय तथा एमिनिदिवि द्वीप।

तार पता—“पेटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, दिवतीय बहुतरीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, बाबार्य जगदीश बोस रोड,
कलकत्ता-700020।

भारत का अवदेश क्षेत्र।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अप्रे-
क्षित सभौ आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपर्युक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
डाक आदेश या जहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा चैक द्वारा की जा सकती है।

ALTERATION OF DATE UNDER SECTION-16

172570

(49/Cal/1992)

Antedated to 08th February 1989.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing
the grant of patents on any of the Applications concerned,
may, at any time within four months of the date of this issue
or within such further period not exceeding one month applied
for on Form 14 prescribed under the Patents Rules, 1972 before
the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on
the prescribed Form 15, of such opposition. The written
statement of opposition should be filed alongwith the said
notice or within one month of its date as prescribed in Rule
36 of the Patents Rules, 1972.

The classifications given below in respect of each specification
are according to Indian Classification and International
Classification.

Typed or photo copies of the specifications together with
photo copies of the drawings, if any, can be supplied by the
Patent Office, Calcutta or the appropriate Branch Office on
payment of the prescribed copying charges which may be
ascertained on application to that office. Photo copying charges
may be calculated by adding the number of pages in the speci-
fication and drawing sheets mentioned below against each ac-
cepted specification and multiplying the same by two to get the
charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिदेश

एटेंट्स यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से
किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति,
इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि
जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट
नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक
महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक,
एकत्र की उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित
प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य,
उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम
36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही
फाइल किए जाने चाहिए।

“प्रत्येक विनिदेश के संदर्भ में नीचे दिए वर्गीकरण, भार-
तीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

स्थानकरण (चित्र आरेखों) की कोटों प्रतियां यदि कोई हों, के
साथ विनिदेशों की टैकित अथवा फोटो प्रतियों की आपूर्ति
पेटेंट कार्यालय, कलकत्ता अथवा उपर्युक्त शाखा कार्यालय द्वारा

विहित लिप्यान्तरण प्रभार जिसे उक्त कागिलय से पत्र व्यवहार व्यापा सुनिश्चित करने के उपर्युक्त उसकी अवायी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरब्स कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 127 B

172561

Int. Cl. : F 16 C 3/02.

ASSEMBLED DRIVE SHAFT AND PROCESS FOR PRODUCING THE SAME.

Applicant: EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, D-5204 LOHMA R 1, WEST GERMANY.

Inventor: HELMUT SWARS.

Application No. 147/Cal/89 dated 20th February 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims

An assembled driveshaft in the case of which individual drive elements, especially gears, are non-rotatingly attached to a hollow shaft, with seat diameters being stepped in at least one direction,

characterised in

that the hollow shaft is composed of several tubular pieces and sleeves which are inserted into each other and which, in the region of their radial overlap, are connected to each other in an essentially force-locking way and that the driving elements are attached to the respective tubular pieces and sleeves of the hollow shaft in an essentially force-locking way.

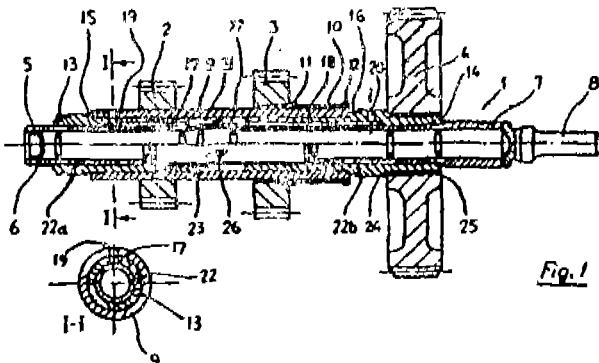


Fig. 1

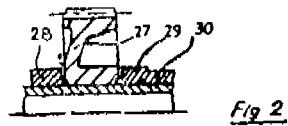


Fig. 2

Cl. : 89 & 128-G

172562

Int. Cl. : G 01 N 33/483.

DEVICE FOR NONINVASIVE ACCOUSTIC TESTING OF THE ELASTICITY OF SOFT BIOLOGICAL TISSUES.

Applicants: (1) INSTITUTE OF GENERAL AND PHYSICAL CHEMISTRY, STUDENTSKI TRG 16, GELGRADE, YUGOSLAVIA and (2) INSTITUTE FOR BIOLOGICAL PHYSICS OF THE USSR ACADEMY OF SCIENCE OF PUSHCHINO, 142292 MOSCOW REGION USSR.

Inventors:

- (1) SARVAZYAN ARMEN,
- (2) PONOMARJEV VIKTOR,
- (3) VUCELIC DUSAN,
- (4) POPOVIC GORAN,
- (5) AKIVA VEKSLER.

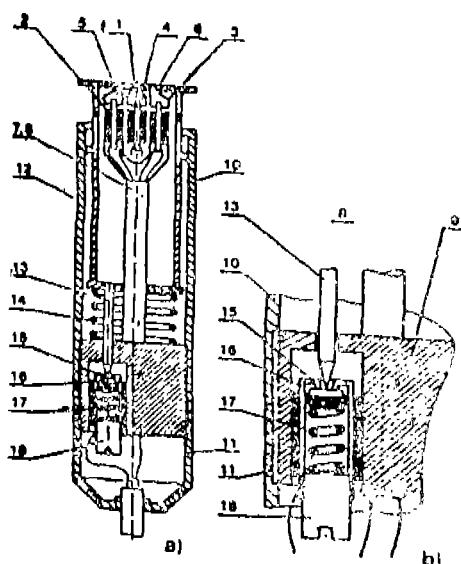
Application No. 305/Cal/89; filed on 20th April 1989.

Appropriate Office, for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

4 Claims

Device for noninvasive acoustic testing of the elasticity of soft biological tissues, composed of :

a probe with one transmitting and two receiving flexural biomimetic piezotransducer equipped with the contact tips and mounted by means of elongated shafts serving as delay lines to the body of the probe so that the vectors of displacement of a flexural oscillation in the transmitting and the two receiving transducers have the same direction that coincides with the line connecting the said contact tips, and with a pressure sensor such as herein described for standardizing the force by which the piezotransducers are pressed to the tissue being tested; circuit means connected to the said transducers and pressure sensor to determine the time-of-flight of acoustic pulses passing through the tissue from the transmitter to the receivers, which is indicative of the elasticity of said tissue.



6 Claims

A process for the production of a steel strip having a thickness of less than 10 mm by the casting of a steel strand in a cooled continuous ingot mould, whereafter the not yet completely solidified steel strand withdrawn from the ingot mould is compressed upto the welding of the inner walls of the already solidified strand shell, characterized in that the thickness of the solidified strand shells is reduced immediately after leaving the ingot mould in the same operation as the compression of the cast strand with a degree of deformation of > 40%.

(Compl. Specn. 9 pages.

Drgns. 2 sheets)

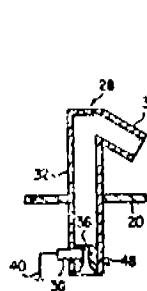


FIG. 3

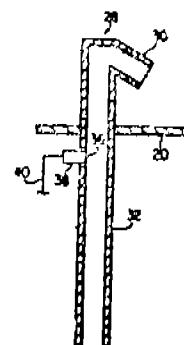


FIG. 4

Cl. : 85 K.

172566

Int. Cl. : B 01 J 8/24.

(Compl. Specn. 21 pages.

Drgns. 1 sheet)

A FLUIDIZED BED REACTOR.

Applicant : FOSTER WHEELER ENERGY CORPORATION OF PERRY-VILLE CORPORATE PARK, CLINTON, NEW JERSEY 08809-4000, UNITED STATES OF AMERICA.

Inventor : FRANCIS DAVID FITZGERALD.

Application No. 594/Cal/89; filed on 24th July 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

8 Claims

A fluidized bed reactor comprising means for forming a furnace and a heat recovery section; means in said furnace for supporting a bed of solid particulate material including fuel, air plenum means disposed below said furnace, at least one air distributor for introducing air from said air plenum means into said bed at a velocity sufficient to fluidize said particulate material and support the combustion or gasification of said fuel; first pressure sensing means disposed in said air distributor for sensing the air pressure in said distributor, and second pressure sensing means disposed in said air plenum means for sensing the air pressure in said plenum, whereby the rate of air flow to said bed of particulate material is determined from the difference in the air pressure sensed by said first and second pressure sensing means.

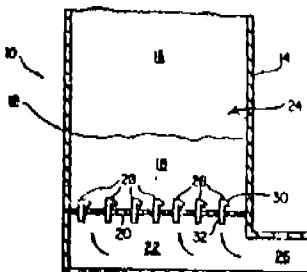


FIG. 1

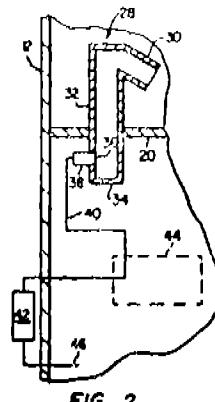


FIG. 2

Cl. : 32 E; 40 B F

172567

Int. Cl. : B 01 J 31/18.

A PROCESS FOR PRODUCING POLYAMIDE.

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY OF WILMINGTON, DELAWARE UNITED STATES OF AMERICA.

Inventors : (1) ROBERT CLAYTON WHELAND, (2) IVAN KEITH MILLER.

Application No. 616/Cal/89; filed on 31st July 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

23 Claims

A process for producing polyamide comprising heating the polyamide below its known decomposition temperature in the presence of an amidation catalyst to effect a desired increase in molecular weight, the improvement which comprises employing, as the said catalyst;

(i) at least one compound of the formulae A₁ and A₂ wherein R¹ is 2-pyridyl, NHR¹ or N(R¹)₂ or NH₂, n is an integer of from 2 to 5 inclusive, R² being the same or different, is H or C_xH_{2x+1}, R⁴ being the same or different, is C_xH_{2x+1} and x is an integer of from 1 to 10 inclusive; and at least one compound selected from (ii) compound of formulae B₁ and B₂ where X is S or O, n is an integer of from 2 to 5 inclusive, R³ is H or C_xH_{2x+1}, x is an integer of from 1 to 10 inclusive and R² is defined as above.

(Compl. Specn. 17 pages.

Drgns. 1 sheet)

Cl. : 128 A.

172568

Int. Cl. : A 61 F 13/00, 13/16, 13/18
A 41 B 13/02.

ABSORBENT FOR ABSORBING BODY FLUIDS.

Applicant : MCNEIL-PPC, INC. OF VAN LIEW AVENUE, MILLTOWN, NEW JERSEY 08850, UNITED STATES OF AMERICA.

Inventor : WINIFRED CHRISTINA DABROSKI.

Application No. 773/Cal/89; filed on 20th September 1989.

Application No. 49/Cal/92; filed on 27th January 1992.
(Divided out of No. 118/Cal/89, antedated to 08-02-1989).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

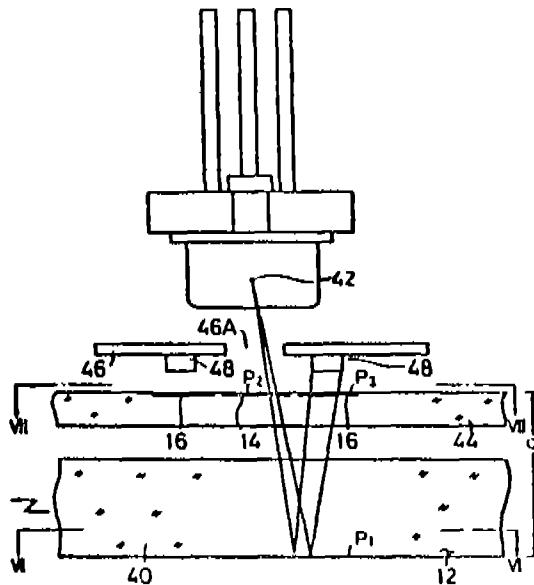
4 Claims

A reflection type optical encoder comprising a reflection type first scale fixed to one of two relatively movable members and formed with a first grating;

the other of the two relatively movable members including a light source for emitting an uncollimated illuminating light; a second scale formed with a second grating for partially shielding the illuminating light from said light source and illuminating the first grating and a plurality of third gratings different in phase from one another and separated from the second grating, for further restricting the illuminating light which has been restricted by the second and the first gratings; and a plurality of light receiving elements for detecting the illuminating light which has been restricted by the first to the respective third gratings, respectively;

wherein a relative displacement between the relatively movable members is detected from a periodic variation of detection signals from said light receiving elements and a pitch P_2 of the second grating being set at a value larger than or equal to a pitch P_1 of the first grating, and the length of the light transmitting portion of the second grating being set at a value smaller than or equal to the pitch P_1 of the first grating.

Fig. 5



(Compl. Specn. 20 pages.)

Drgns. 9 sheets)

PATENT SEALED

ON 3-9-1993

170004 170500 170600*D 170603* 170612* 170667 170668
170701*D 170706* 170707 170708 170710* 170711 170713*
170714* 170727 170731 170732* 170734 170751 170752
170753 170755 170756 170757 170762 170763 170764

170765* 170767 170769 170771* 170772* 170773 170775
170776* 170777 170778 170926 170979*D 170980*.
Cal-15, Mas-02, Bom-08, & Del-16.

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG Patent, F—FOOD Patent.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendments proposed by the Daya Ranjith Senayake, a Sri Lankan citizen, of 9 Ecrin Place, Colombo 8, Sri Lanka, in respect of Patent application No. 170019 as advertised in part III, Section 2, of the Gazette of India on the 22-5-1993, no opposition being filed within the stipulated period the said amendment has been allowed.

Registration of Assignments, Licences etc. (Patents)

Assignments, Licences or other transactions affecting the interests of the original Patentees have been registered in the following cases.

164535 & 163358—REVLON CONSUMER PRODUCTS CORPORATION.

RENEWAL FEES PAID

150204 150928 151504 151505 151548 151711 151861 152295
153086 153127 153129 153447 153970 153971 153972 154318
154480 154634 154880 154912 154913 155081 155167 155231
155264 155285 155455 155478 156085 156250 156253 156389
156452 156517 156559 156577 156579 156711 156863 157146
157429 157598 157687 158007 158153 158398 158704 158956
159137 159196 159453 159587 159719 159744 159939 160030
160031 160826 160850 160954 161125 161224 161711 161713
161933 162220 162387 162417 162418 162424 162473 162601
162681 162745 162890 162968 162979 162980 163034 163244
163257 163495 163498 163534 163702 164233 164282 164725
164726 164957 164959 165008 165061 165062 165063 165064
165065 165139 165196 165287 165308 165481 165543 165554
165587 165591 165624 165635 165636 165750 165818 166042
166048 166070 166201 166205 166206 166310 166787 166802
167390 167427 167469 167545 167655 167656 167727 167787
167795 167850 167867 167874 167905 167986 168040 168125
168157 168227 168369 168383 168450 168482 168735 168742
168834 168942 169083 169312 169636 169704 169775 169785
169877 169880 169940 170113 170125 170128 170185 170186
170190 170193 170195 170220 170352 170378 170471 170472
170481 170488 170489 170555 170568 170601 170602 170610
170974.

CESSATION OF PATENTS

156972 156980 157006 157024 157030 157061 157065 157068
157075 157077 157118 157145 157163 157178 157182 157195
157205 157213 157217 157236 157255 157293 157294 157298
157334 157336 157381.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 156484 dated the 17th April 1982 made by Machinefabrik en Technische Handelsonderneming M.H. on the 16th March 1993 and notified in the Gazette of India, Part III, Section 2, dated the 29th May 1993 has been allowed and the said patent restored.

REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for a period of two years from the date of the registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the designs included in the entry.

Class 1. Nos. 165710 to 165713. Wellman Incandescent India Limited, Indian Company of 7, Pretoria Street, Calcutta-700071, W.B., India. "Torque Limited". June 8, 1993.

Class 3. No. 165502. Sharad Natverlal Shah, 402, Mala Apartment, Dadabhai Cross Road No. 1, Vile Parle (West), Bombay-400056, Maharashtra, India. "Domestic Iron" April 7, 1993.

Class 4. No. 165049. Neycer India Ltd., Indian Company of 52, Chamiers Road, Madras-600028, T.N., India. "Cistern"—November 27, 1992.

Class 4. No. 165051. —do—. "Water closet". November 27, 1992.

Class 4. No. 165109. Sony Corporation, Japanese Corp. of 6-7-35, Kitashinagawa, Shinagawa-ku, Tokyo 141, Japan. "Container for storing mini disk cartridges". December 15, 1992.

Class 5. No. 165073. Jemson International of 24, Ashutosh Pally, Calcutta-700084, W.B., India. "Carton". December 4, 1992.

Class 14. No. 165748. The Khatau Makenji Spinning & Weaving Co. Ltd., Laxmi Building, 6, Snoorji Vallabhdas Marg, Bombay-38, Maharashtra, India. "Printed cloth". June 11, 1993.

R. A. ACHARYA

Controller General of Patents, Designs
and Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1993

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1993